

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S117	27	713/182-185,168-170.ccls. and ((image challenge content text) near3 (distor\$3 nois\$3 watermark\$3 scrambl\$3 invisible complex)) same ((authenticat\$4 authoriz\$4 validat\$3 verificat\$3 verif\$3) near2 (user client subscriber customer member response respond reply input))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 12:40
S118	145	713/182-185,168-170.ccls. and (random\$3 near3 (challenge question)) same ((authenticat\$4 authoriz\$4 validat\$3 verificat\$3 verif\$3) near2 (user client subscriber customer member response respond reply input))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 12:46
S120	2	S118 and ((image challenge content text question) near3 (distor\$3 nois\$3 watermark\$3 scrambl\$3 invisible complex))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 12:47
S121	0	((random\$3 near3 (challenge question)) same ((authenticat\$4 authoriz\$4 validat\$3 verificat\$3 verif\$3) near2 (user client subscriber customer member response respond reply input)) and ((image challenge content text) near3 (distor\$3 nois\$3 watermark\$3 scrambl\$3 invisible complex)) same ((authenticat\$4 authoriz\$4 validat\$3 verificat\$3 verif\$3) near2 (user client subscriber customer member response respond reply input))). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 12:51
S122	3	((random\$3 near3 (challenge question)) and ((authenticat\$4 authoriz\$4 validat\$3 verificat\$3 verif\$3) near2 (user client subscriber customer member response respond reply input)) and ((image challenge content text) near3 (distor\$3 nois\$3 watermark\$3 scrambl\$3 invisible complex)) and ((authenticat\$4 authoriz\$4 validat\$3 verificat\$3 verif\$3) near2 (user client subscriber customer member response respond reply input))). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 12:52
S123	32	726/2-4,26-30.ccls. and ((image challenge content text) near3 (distor\$3 nois\$3 watermark\$3 scrambl\$3 invisible complex)) same ((authenticat\$4 authoriz\$4 validat\$3 verificat\$3 verif\$3) near2 (user client subscriber customer member response respond reply input))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 13:01

S124	16	235/382,382.5.ccls. and ((image challenge content text) near3 (distor\$3 nois\$3 watermark\$3 scrambl\$3 invisible complex)) and ((authentica\$4 authoriz\$4 validat\$3 verificat\$3 verify\$3) near2 (user client subscriber customer member response respond reply input))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 13:01
S125	118	709/223,225,229.ccls. and ((image challenge content text) near3 (distor\$3 nois\$3 watermark\$3 scrambl\$3 invisible complex)) and ((authentica\$4 authoriz\$4 validat\$3 verificat\$3 verify\$3) near2 (user client subscriber customer member response respond reply input))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 13:02
S126	55	705/64-67.ccls. and ((image challenge content text) near3 (distor\$3 nois\$3 watermark\$3 scrambl\$3 invisible complex)) and ((authentica\$4 authoriz\$4 validat\$3 verificat\$3 verify\$3) near2 (user client subscriber customer member response respond reply input))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 13:02
S128	3	S125 and (random\$3 near3 (challenge question)) and ((authentica\$4 authoriz\$4 validat\$3 verificat\$3 verify\$3) near2 (user client subscriber customer member response respond reply input))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 13:03
S129	23	340/5.32,5.53,5.54,5.2,5.21.ccls. and ((image challenge content text) near3 (distor\$3 nois\$3 watermark\$3 scrambl\$3 invisible complex)) and ((authentica\$4 authoriz\$4 validat\$3 verificat\$3 verify\$3) near2 (user client subscriber customer member response respond reply input))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 13:03
S130	130	((random\$3 near challenge) same (response)) and challenge with (graphic image text word string character content)) and ((authentica\$4 authoriz\$4 validat\$3 verificat\$3 verify\$3) near2 (user client subscriber customer member response respond reply input))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 13:04
S131	20	S130 and ((image challenge content text question) near3 (distor\$3 nois\$3 watermark\$3 scrambl\$3 invisible complex))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 13:04
S132	4	715/741,729,745.ccls. and ((image challenge content text) near3 (distor\$3 nois\$3 watermark\$3 scrambl\$3 invisible complex)) and ((authentica\$4 authoriz\$4 validat\$3 verificat\$3 verify\$3) near2 (user client subscriber customer member response respond reply input))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 13:06

S134	3	((random\$3 near challenge) same (response)) and (challenge with (graphic image text word string character content)) and ((authenticat\$4 authoriz\$4 validat\$3 verifcat\$3 verifys\$3) near2 (user client subscriber customer member response respond reply input) and ((image challenge content text question) near3 (distor\$3 nois\$3 watermark\$3 scrambl\$3 invisible complex))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 13:10
S136	91	S125 and ((image challenge content text question) near2 (distor\$3 nois\$3 watermark\$3 scrambl\$3 invisible complex))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 13:12
S137	4	726/2-4-26-30.ccls. and (human near2 challenge) and ((authenticat\$4 validat\$4 verifcat\$4 verifys\$3 compar\$4 judg\$3) near3 (response reply answer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 13:15
S138	5	713/182-185,168-170.ccls. and (human near2 challenge) and ((authenticat\$4 validat\$4 verifcat\$4 verifys\$3 compar\$4 judg\$3) near3 (response reply answer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 13:15
S142	35	("5425102"   "5434918"   "5604803"   "5721779"   "5784464"   "5889860"   "5953419"   "5966445").PN. OR ("6195698").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/21 14:56

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S140	4	((random\$3 near challenge) same (response)) and (challenge with (graphic image text word string character content)) same ((authenticat\$4 authoriz\$4 validat\$3 verifcat\$3 verifys\$3) near2 (user client subscriber customer member response respond reply input)).clm.	USPAT; UPAD	OR	ON	2009/07/21 13:09
S141	0	((random\$3 near challenge) same (response)) and (challenge with (graphic image text word string character content)) and ((authenticat\$4 authoriz\$4 validat\$3 verifcat\$3 verifys\$3) near2 (user client subscriber customer member response respond reply input) and ((image challenge content text question) near3 (distor\$3 nois\$3 watermark\$3 scrambl\$3 invisible complex))).clm.	USPAT; UPAD	OR	ON	2009/07/21 13:10

L1	7	((random\$3 near3 challenge) same (response)) and (challenge with (graphic image text word string character content)) same ((authenticat\$4 authoriz\$4 validat\$3 verificat\$3 verify\$3) near2 (user client subscriber customer member response respond reply input)).clm.	USPAT; UPAD	OR	ON	2009/07/24 17:02
L2	0	((random\$3 near3 challenge) same (response)) and (challenge with (graphic image text word string character content)) and ((authenticat\$4 authoriz\$4 validat\$3 verificat\$3 verify\$3) near2 (user client subscriber customer member response respond reply input) and ((image challenge content text question) near3 (distor\$3 nois\$3 watermark\$3 scrambl\$3 invisible complex))).clm.	USPAT; UPAD	OR	ON	2009/07/24 17:04
L3	0	((random\$3 near3 challenge) same (response)) and (challenge with (graphic image text word string character content)) and ((authenticat\$4 authoriz\$4 validat\$3 verificat\$3 verify\$3) near2 (user client subscriber customer member response respond reply input human) and ((image challenge content text question) near3 (distor\$3 nois\$3 watermark\$3 scrambl\$3 invisible complex))).clm.	USPAT; UPAD	OR	ON	2009/07/24 17:04

7/24/2009 5:05:27 PM

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